

PATENT
Docket No. 235.0004 0101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Przybyla et al.) Group Art Unit: Unknown
Serial No.: Unknown (Int'l. Application) Examiner: Unknown
No. PCT /US99/31176))
Filed: On Even Date Herewith)
(Int'l. Filing Date 12/29/99))
For: RUBREDOXIN FUSION PROTEINS, PROTEIN EXPRESSION SYSTEM
AND METHODS

P. C. Mendt
4/A
M W

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Attn: Box PCT
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

In The Specification

Please replace the paragraph at page 2, line 3 to line 28, with the following rewritten paragraph. Per 37 C.F.R §1.121, this paragraph is also shown in Appendix A, with notations to indicate the changes made.

2
Some of the strategies employed to overcome the problems of protein stability and solubility in *E. coli* include the use of fusion partners such as maltose binding protein (31 kD) (Ausebel, F.M. et al. (Eds) *Current Protocols in Molecular Biology*, Greene Associates/Wiley Interscience, N.Y. (1990)), thioredoxin (U.S. Pat. No. 5,646,016, issued Jul. 8, 1997; U.S. Pat. No. 5,270,181, issued Dec. 14, 1993; U.S. Pat. No. 5,292,646, issued Mar. 8, 1994) and glutathione-S-transferase (28kD) (D. Smith et al., *Gene* 67: 31-40 (1988); U.S.